- Ensure sufficient file system space and inodes available to support applications Presuming that most applications will be installed in their default locations, /opt and /var should be sized generously. The version of Solaris we are working with (Version 5.6) supports eight slices per physical disk. Since we have 16 Gigabyte drives, it was not unreasonable to allocate four Gigabytes to each file system.

- The file system containing the Interwoven meta-data should be sized according to the information provided in installation section of the *Administering TeamSite* manual. We allocated four Gigabytes of disk storage and 984,000 inodes for our development environment.

- Install IBM WebSphere following the instructions in *WebSphere Application Server Advanced Edition Getting Started Version 3.02*.

- Before starting, verify **$JAVA_HOME**.

- Make sure you select the IBM HTTPD web server and the associated plug-in.

- Check the IBMHTTPD configuration file (default: /opt/IBMHTTPD/con/httpd.conf) and ensure the WebSphere entries exist:

```
Alias /IBMWebAS/samples/  /opt/WebSphere/AppServer/samples/
Alias /IBMWebAS/  /opt/WebSphere/AppServer/web/
NcfAppServerConfig BootFile \
 /opt/WebSphere/AppServer/properties/bootstrap.properties
```

- During installation, we had problems (possibly self-inflicted) which prevented the web server from starting. We solved it by using this line:

```
LoadModule app_server_module libexec/mod_app_server.so
```

  instead of:

```
#LoadModule ibm_app_server_module \
    /opt/WebSphere/AppServer/bin/mod_ibm_app_server.so
```

  in the configuration file.

- We used `/opt/IBMdb2/V5.0/cfg/kernel.param.256MB` as our tunable parameter file when installing DB2

- When configuring WebSphere, we dropped <machine_name> and <machine IP address> as aliases in the Virtual Host: `default_host\Advanced\Aliases panel`.

- We added a new Virtual Host called **IFAP** and added <machine name and <machine IP address> as aliases.

- We added a new Application Server called **IFAP** using **Configure an application server** in the **Tasks** tab.

- Default parameters were used except for Standard Out and Standard Error. They were pointed to /var/log/IFAP…

- A Servlet Engine named IFAPServletEngine was installed with default parameters.

- A Web Application named IFAPWebApp was installed with the following parameters:
  Virtual Host: IFAPHost
  Web Application Web Path: /IFAPWebApp
  Document Root: /opt/WebSphere/AppServer/hosts/IFAPHost/IFAPWebApp/web
  Classpath: /opt/WebSphere/AppServer/hosts/IFAPHost/IFAPWebApp/servlets

- Make sure the Servlet Class Name in use is
  com.ibm.servlet.jsp.http.pagecompile.PageCompileServlet (Sun's servlet package appeared to be incompatible with WebSphere).

Follow the installation instructions when installing Interwoven TeamSite.

- We used /was/iw-home as the root for Interwoven products.

- Verify that entries are added to the web server configuration files for Interwoven:

```
ScriptAlias  /cgi-bin/  /was/web/cgi-bin/
ScriptAlias  /scripts/  /was/web/cgi-bin/
ScriptAlias  /iw-bin/   /was/iw-home/httpd/iw-bin/

Alias  /iw-icons/ /was/iw-home/httpd/iw-icons/
Alias  /iw-mount/ /.iwmnt/
Alias  /iw/       /was/iw-home/httpd/iw/
Alias  /iw        /was/iw-home/httpd/iw/

# added to allow Teamsite to use CGI scripts
<location ~ "/iw-mount/.*/cgi-bin/.*">
SetHandler cgi-script
</location>
```

- We installed Samba. In addition to the Interwoven shares, I added a share for the directory containing the WebSphere JSP pages. Because this is a limited access development machine, I made the root directory of the share writable by all.

- Samba password encryption was enabled to support NT authentication.

- OpenDeploy and DataDeploy were installed in **IW-HOME**.

- OpenDeploy and DataDeploy configuration files were edited to ensure they included the correct server names, ports and user information.

- The DataDeploy template configuration file (which controls the SQL which updates the Oracle database) was edited to delete non-applicable database models and to enable the Oracle model.